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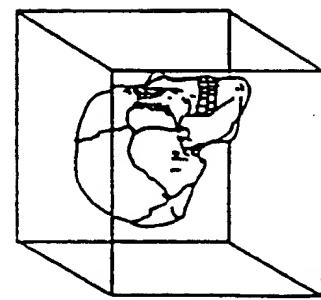
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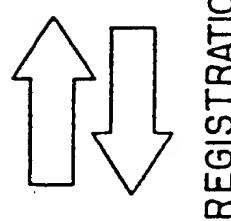
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FIG. 1
PRIOR ART



PRE-SURGICAL SCANS
(IMAGE DATASET)



REGISTRATION

POSITION IN
SURGERY





FIG. 2A

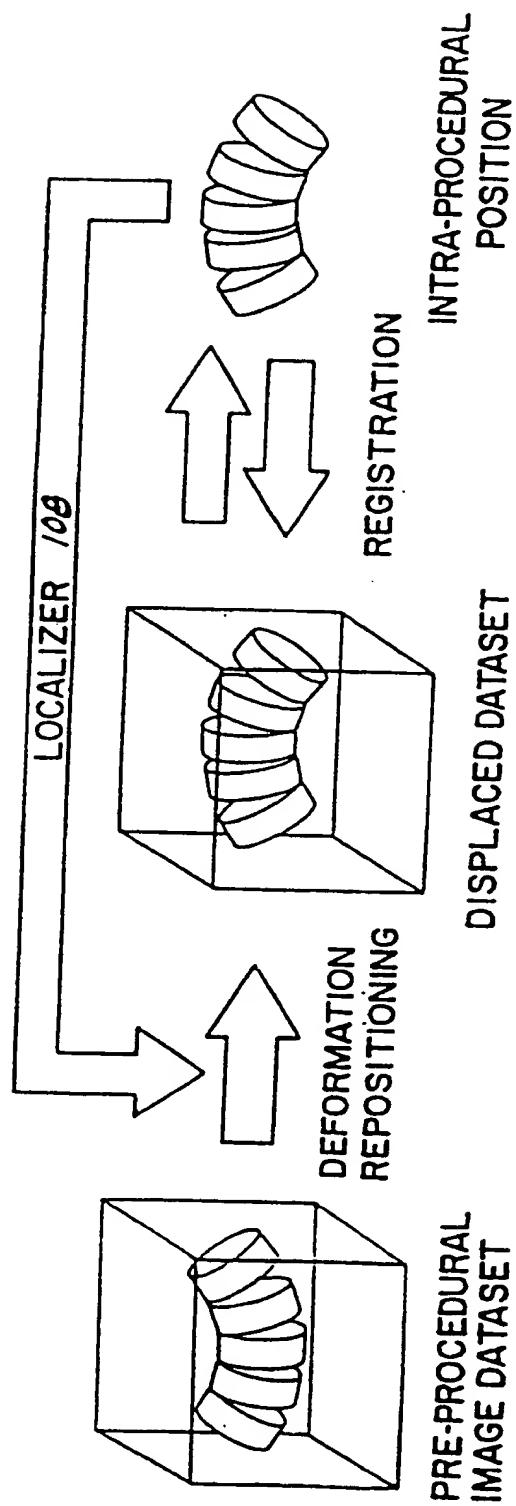
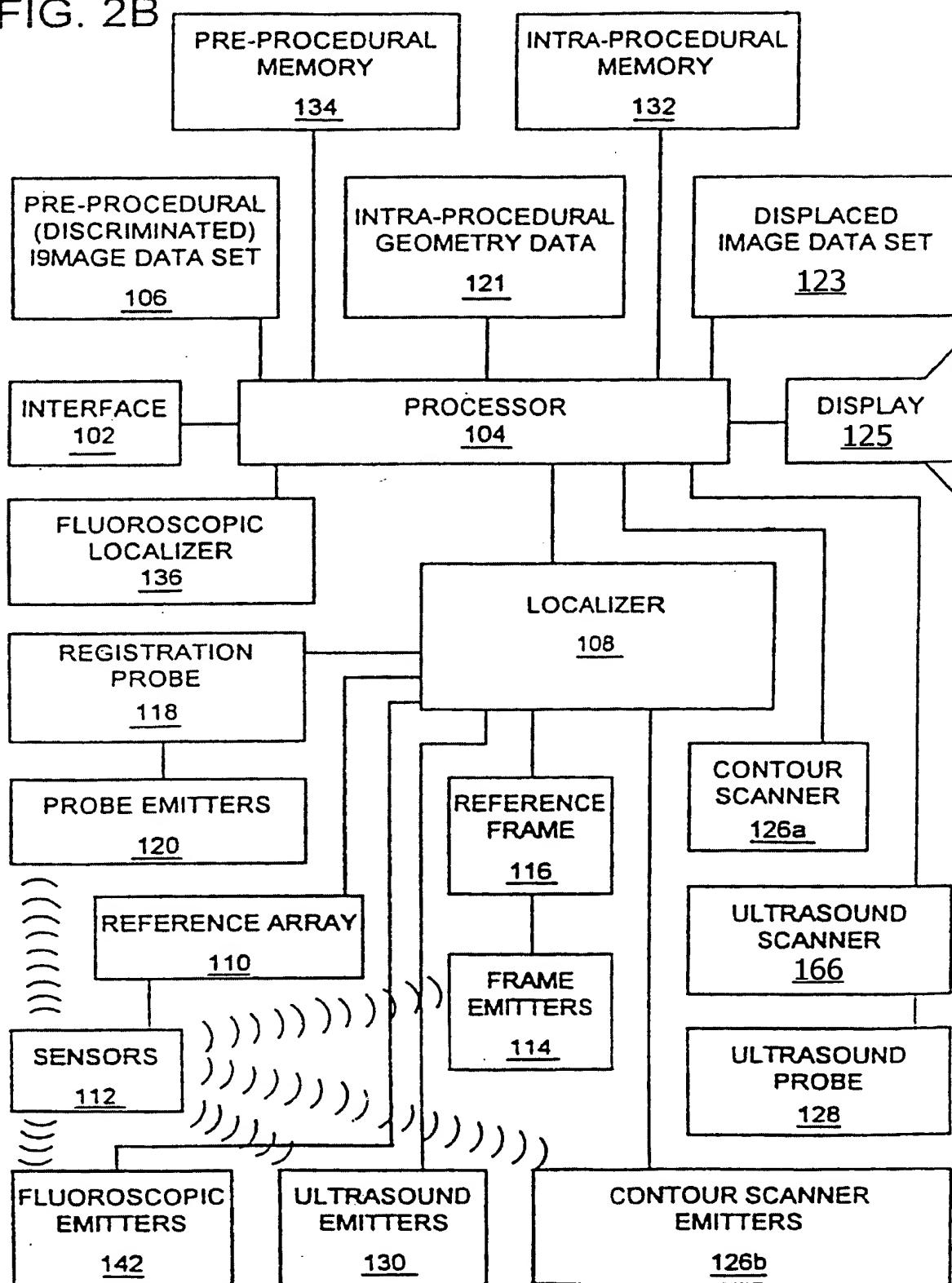




FIG. 2B



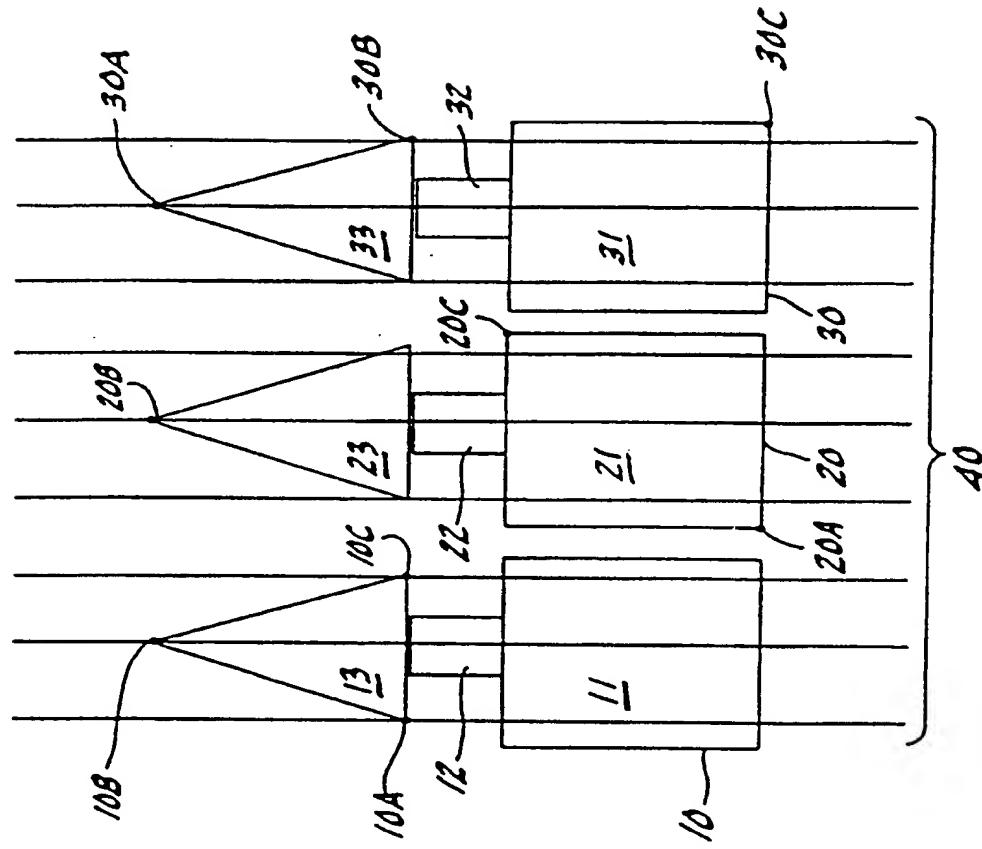


FIG. 3



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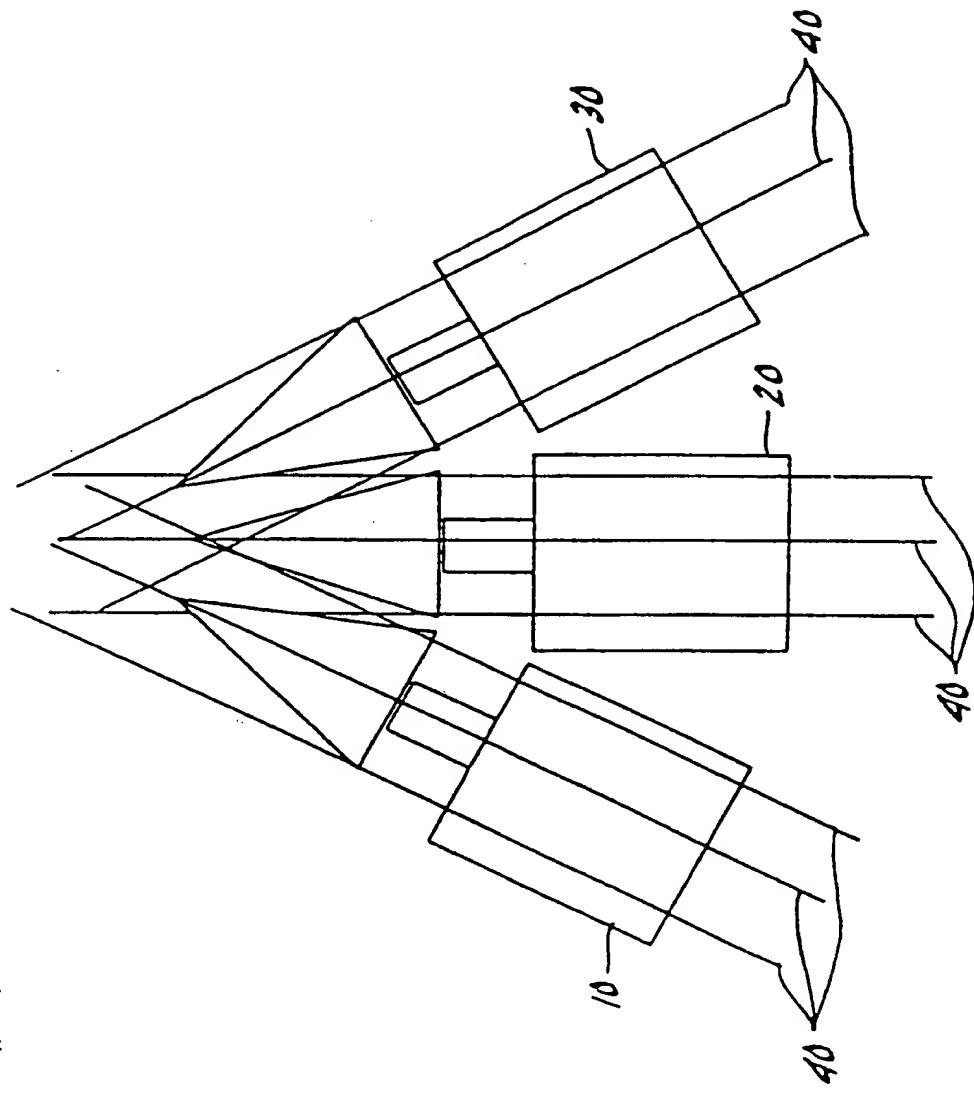


FIG. 4

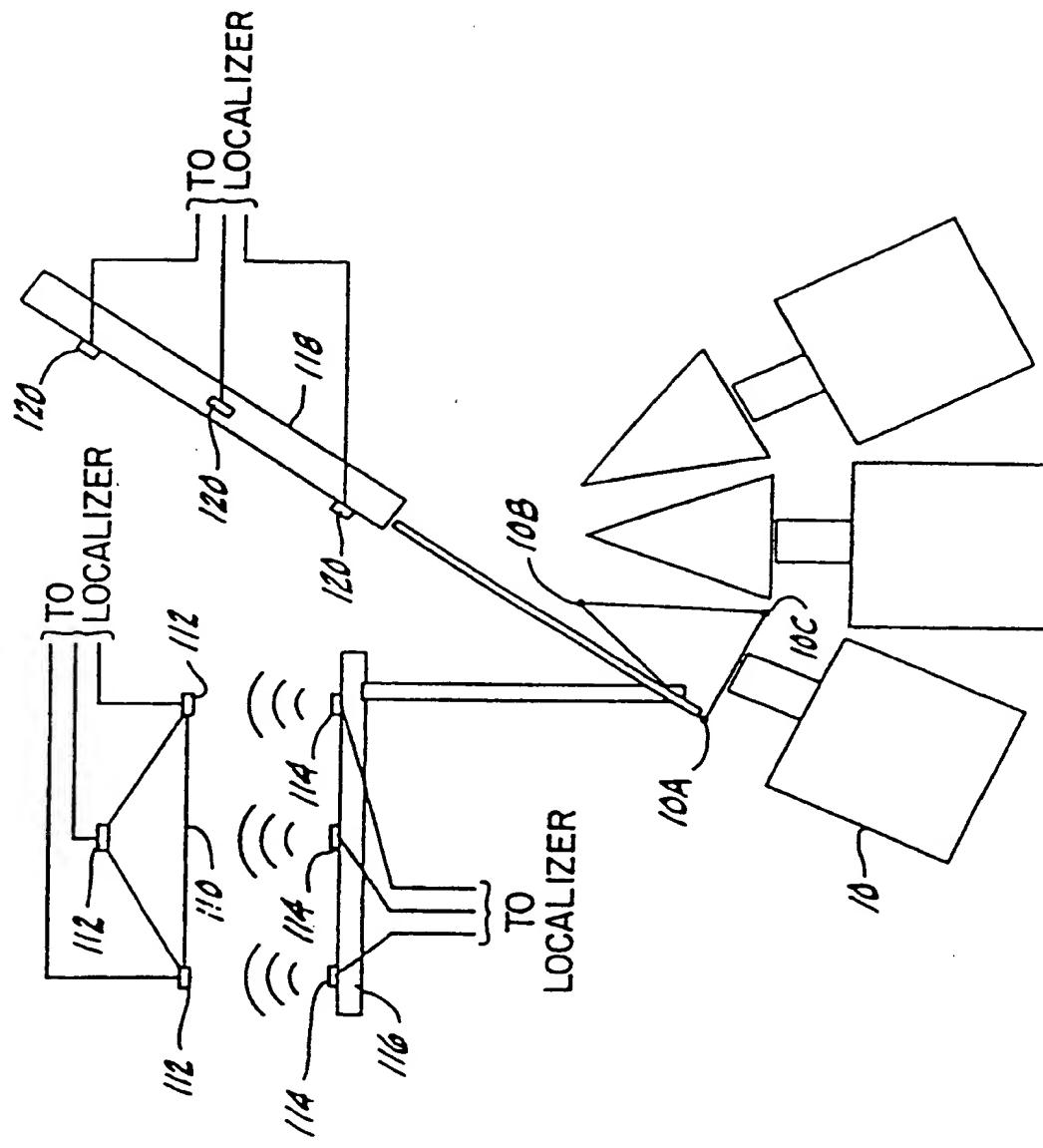
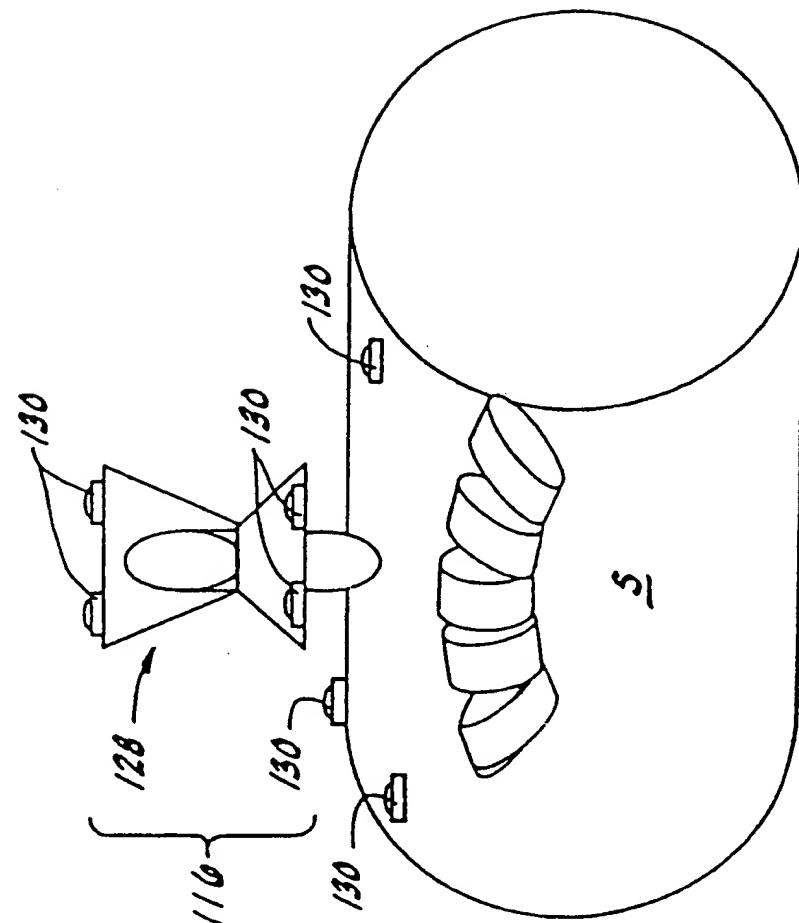


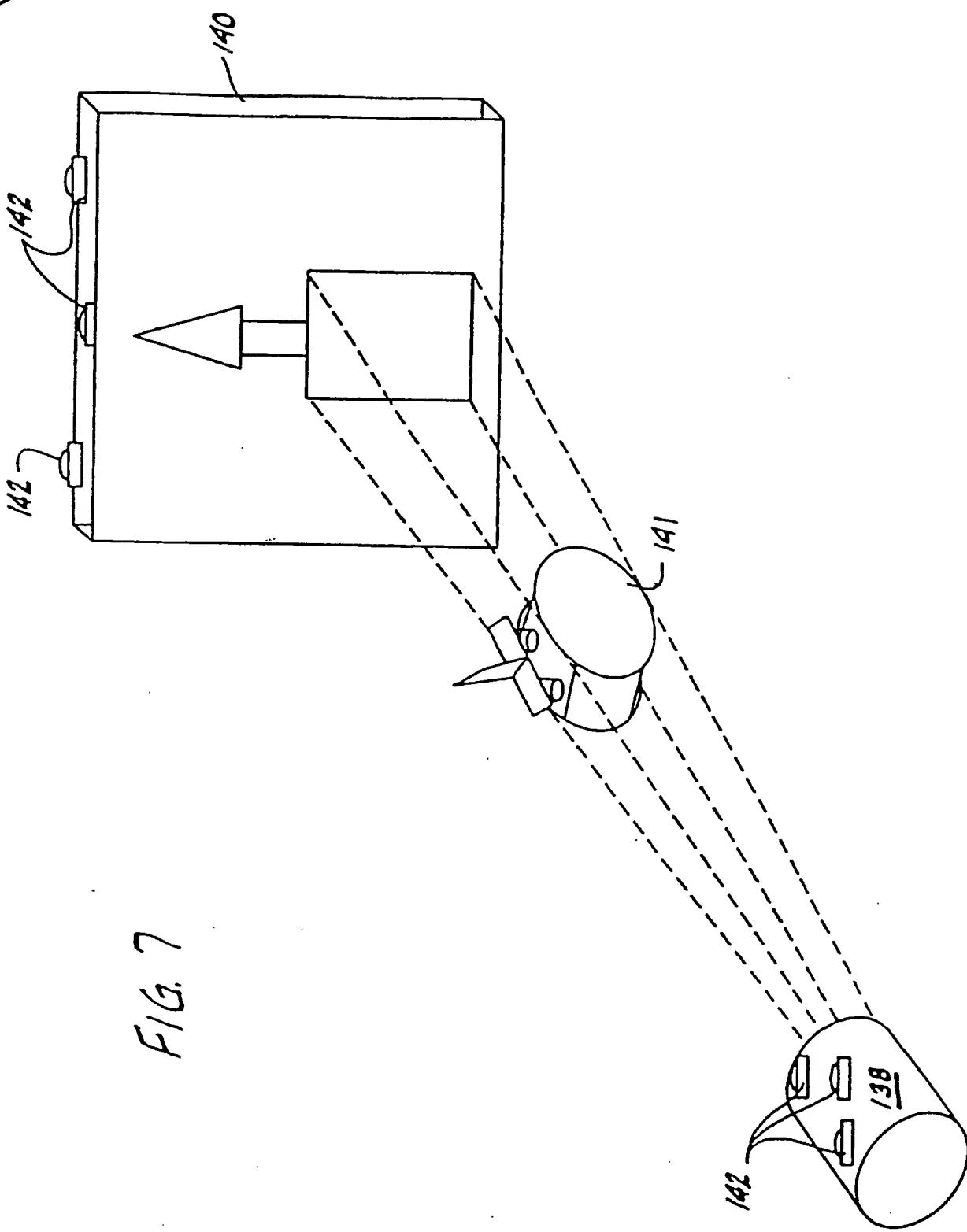
FIG. 5



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Fig. 6

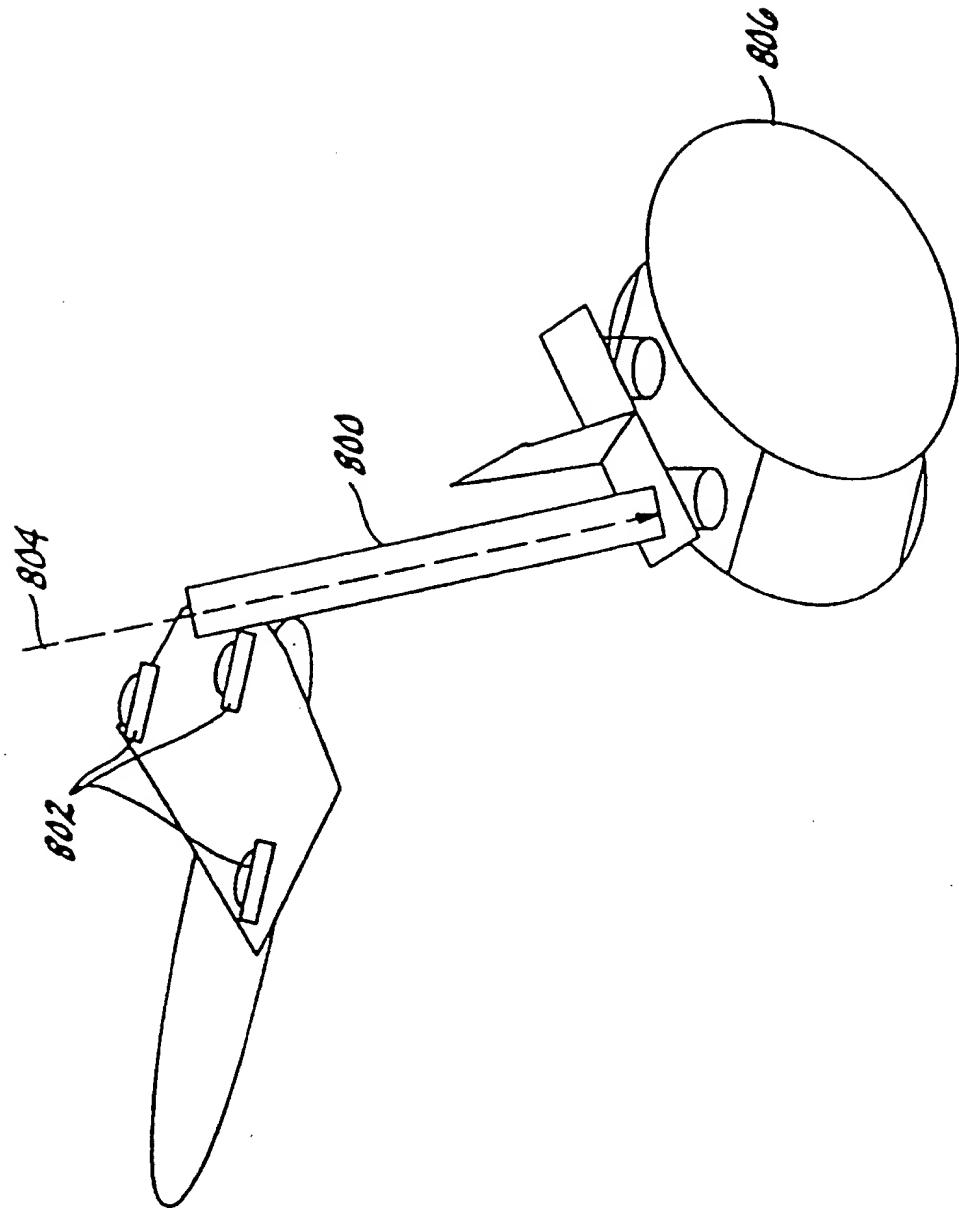






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FIG. 8





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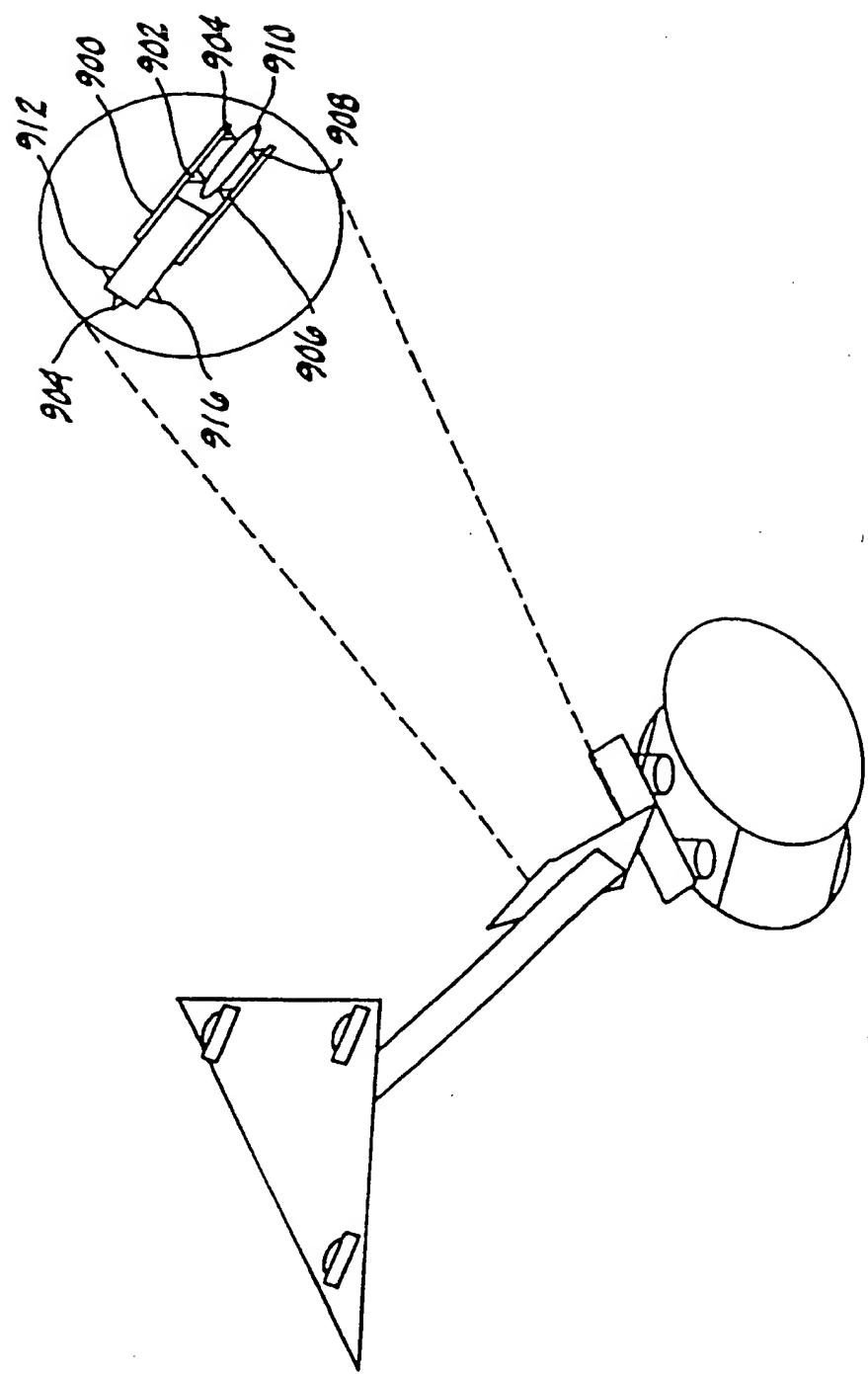


FIG. 9



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FIG. 10

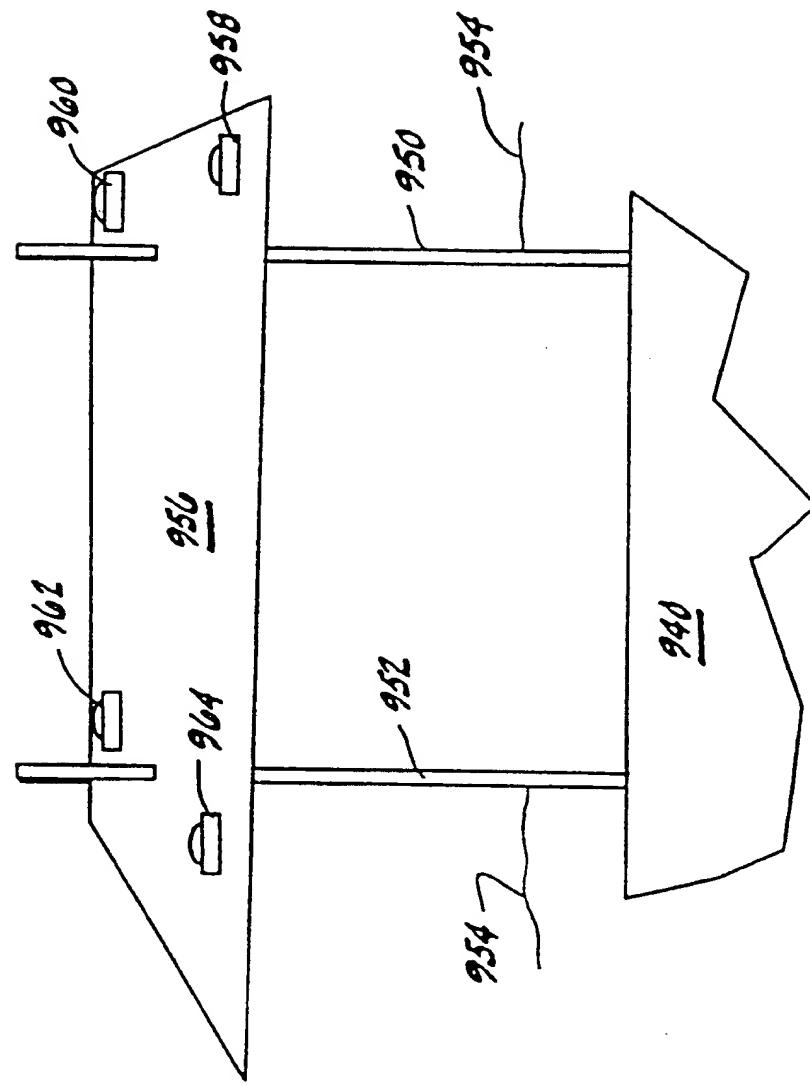




FIG. 11

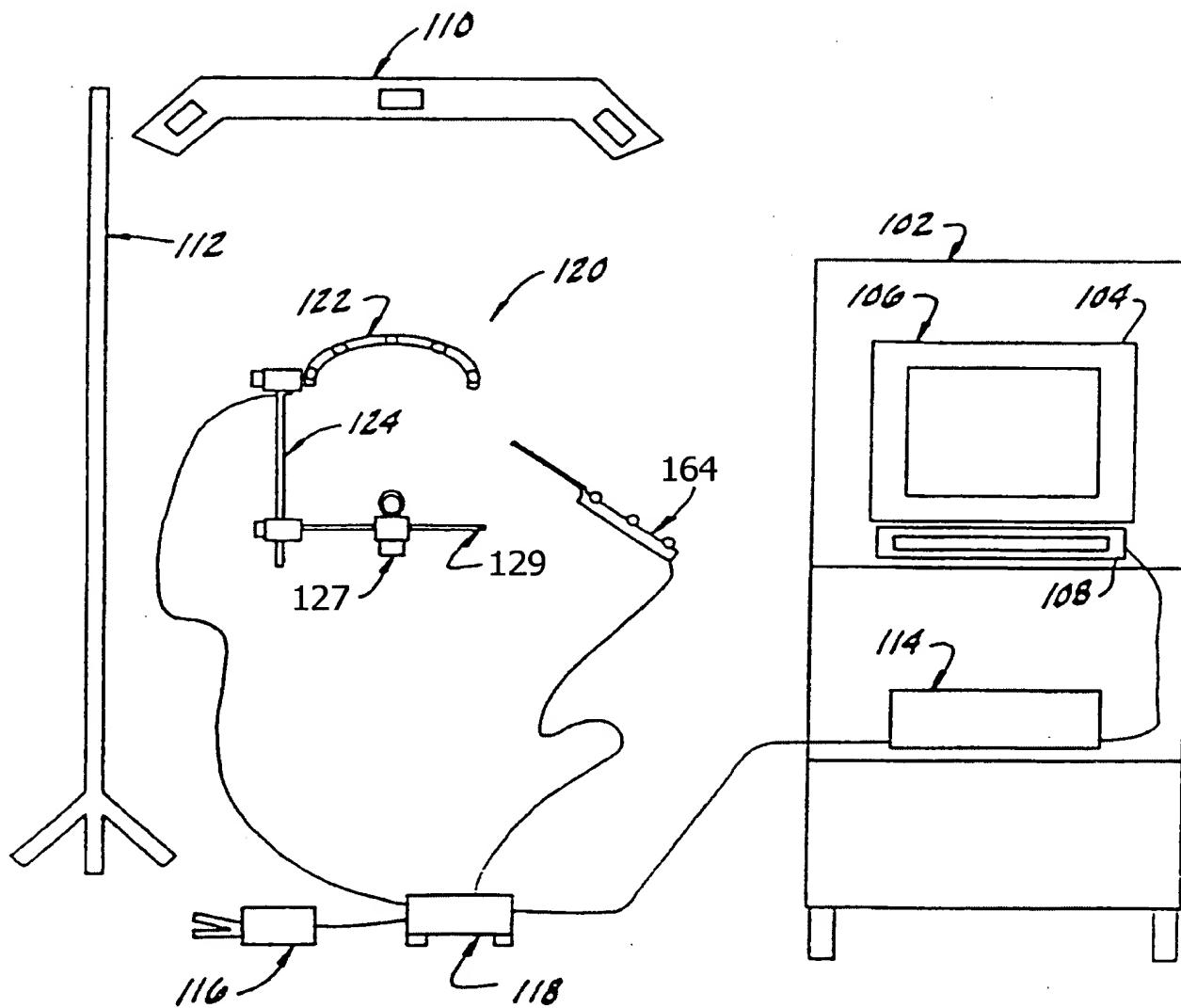
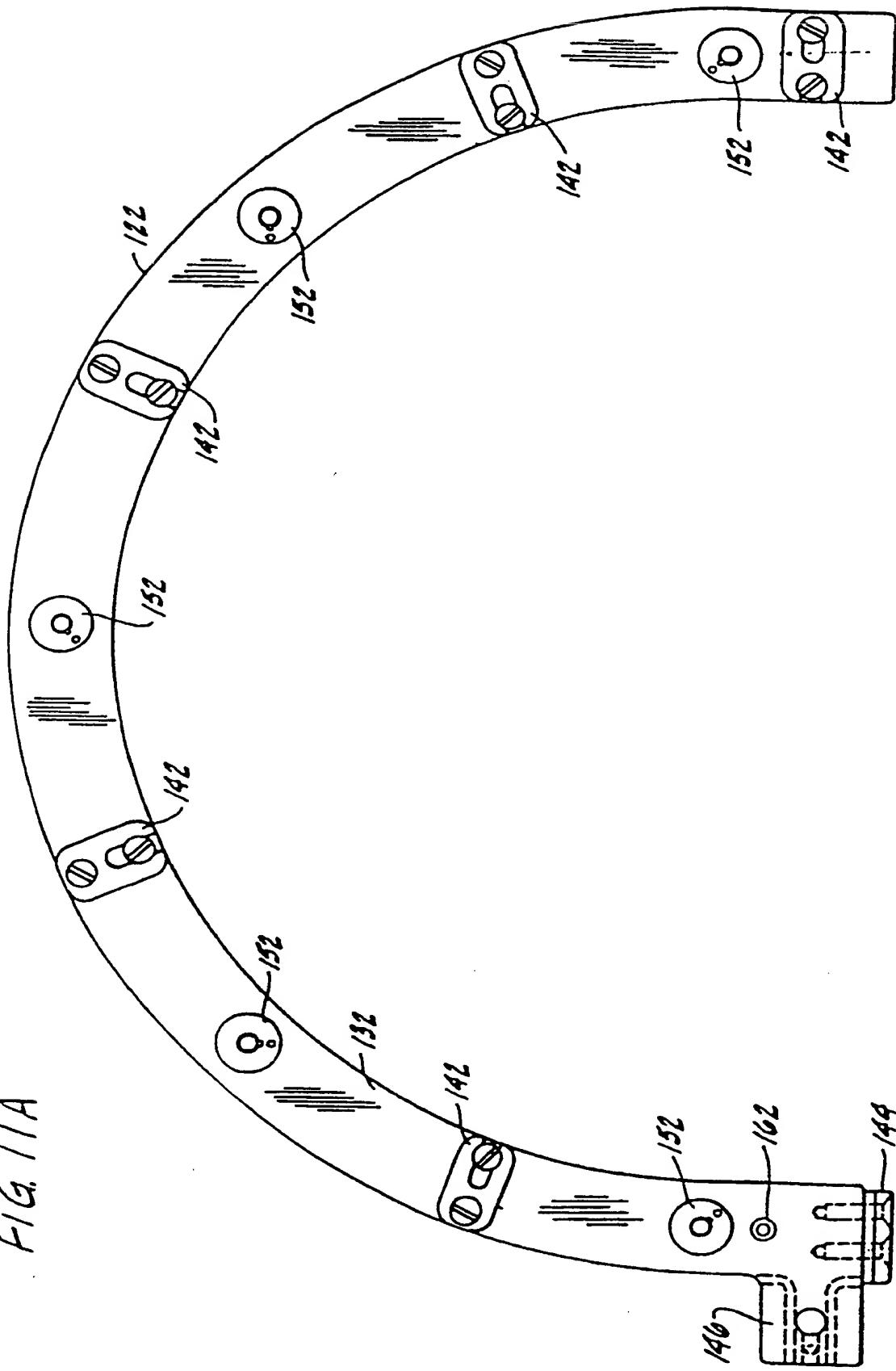




FIG. 11A





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FIG. 11C

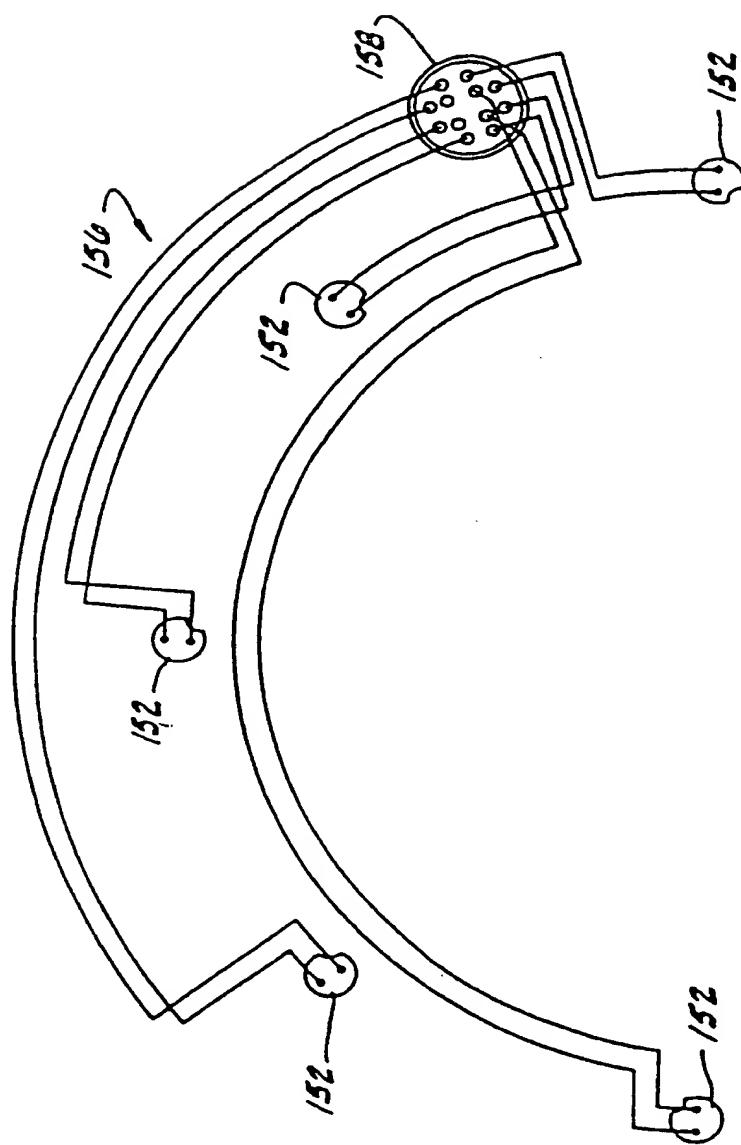
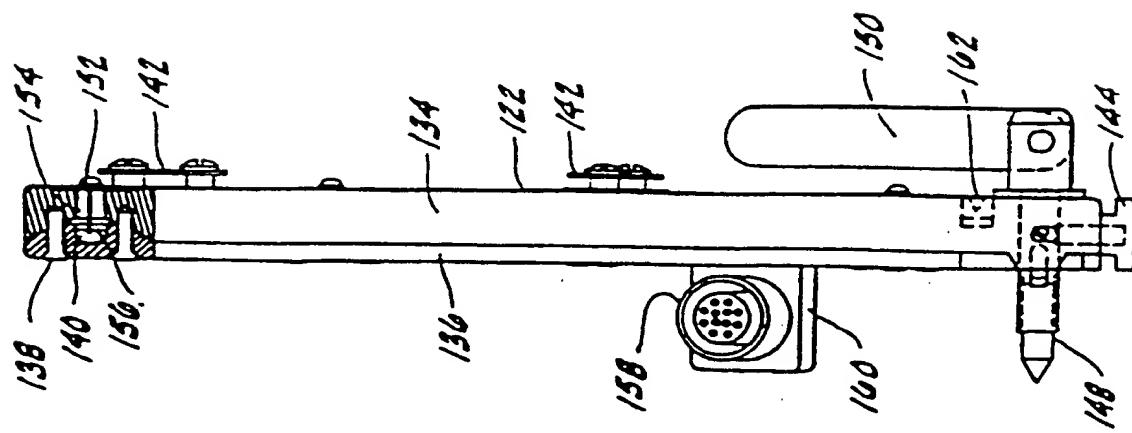


FIG. 11B



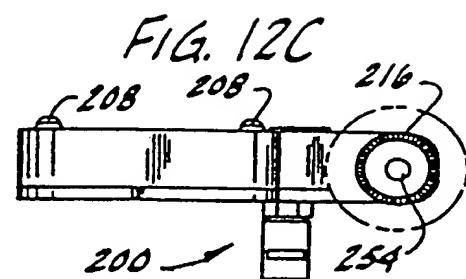
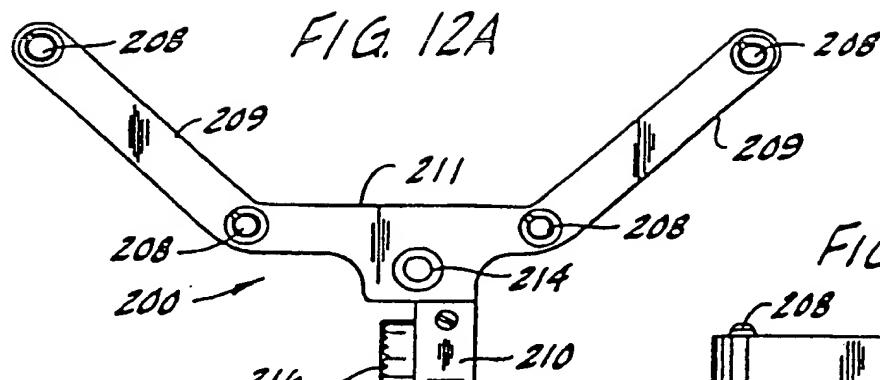
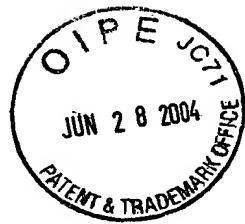


FIG. 12B

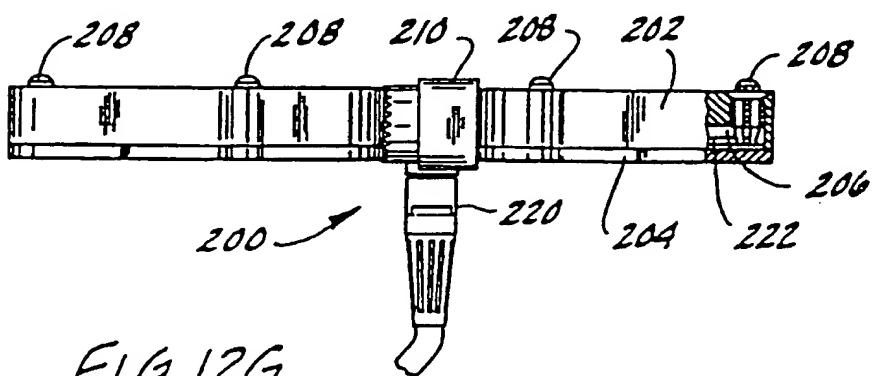
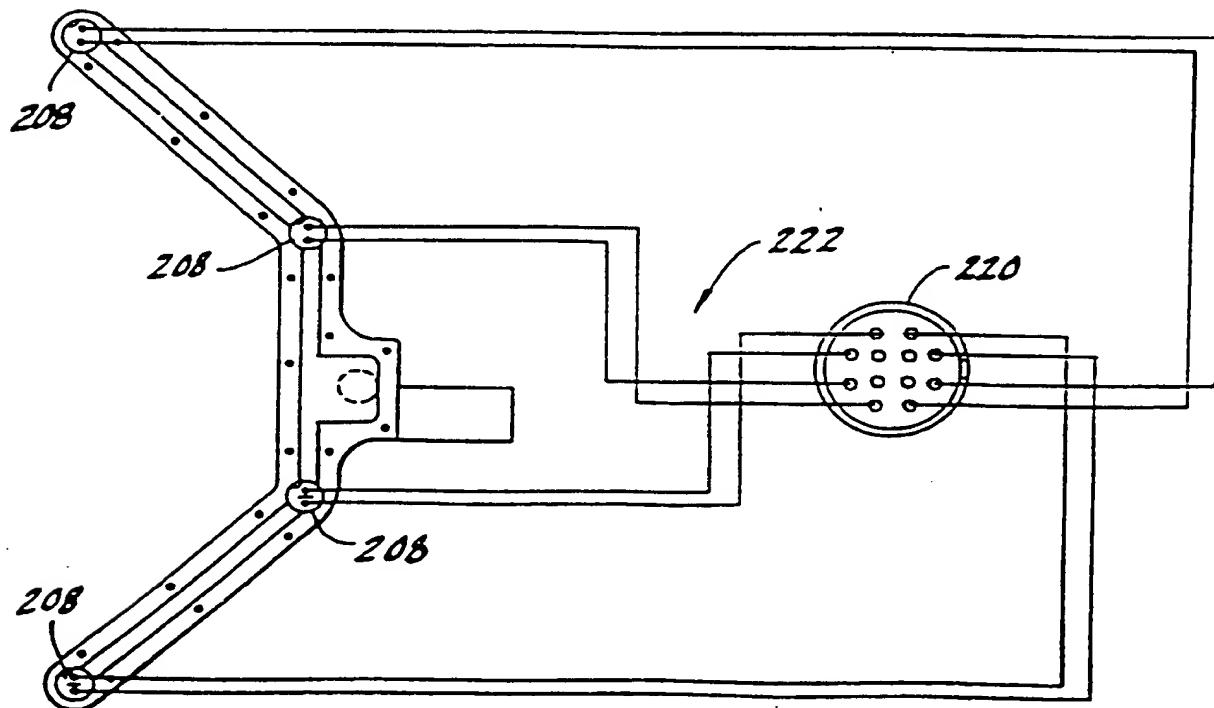


FIG. 12G



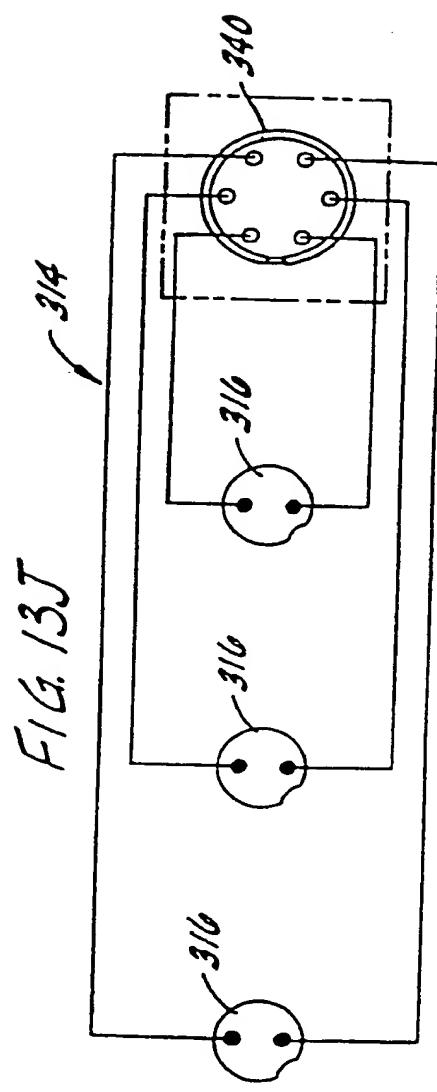
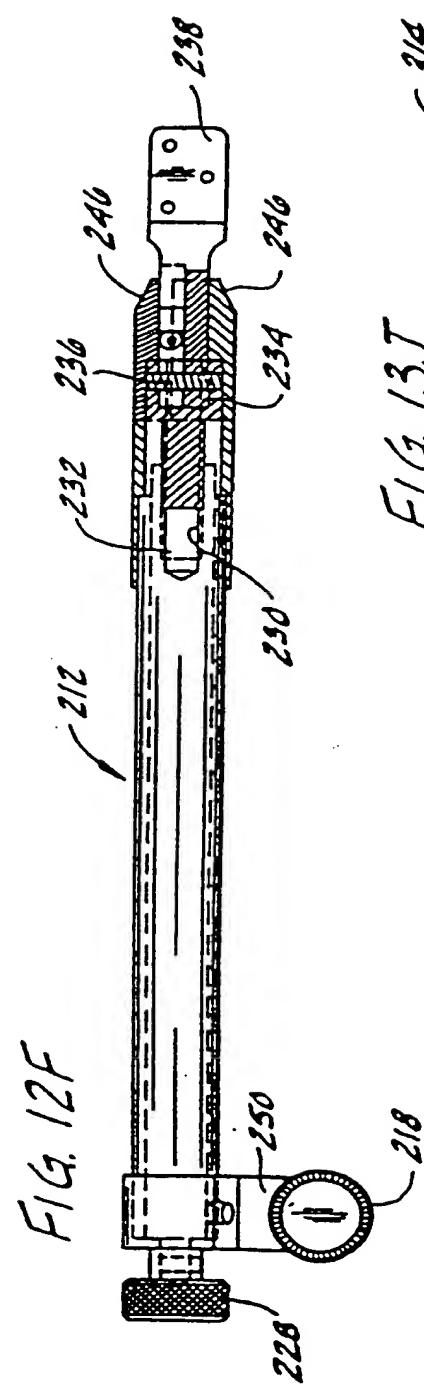
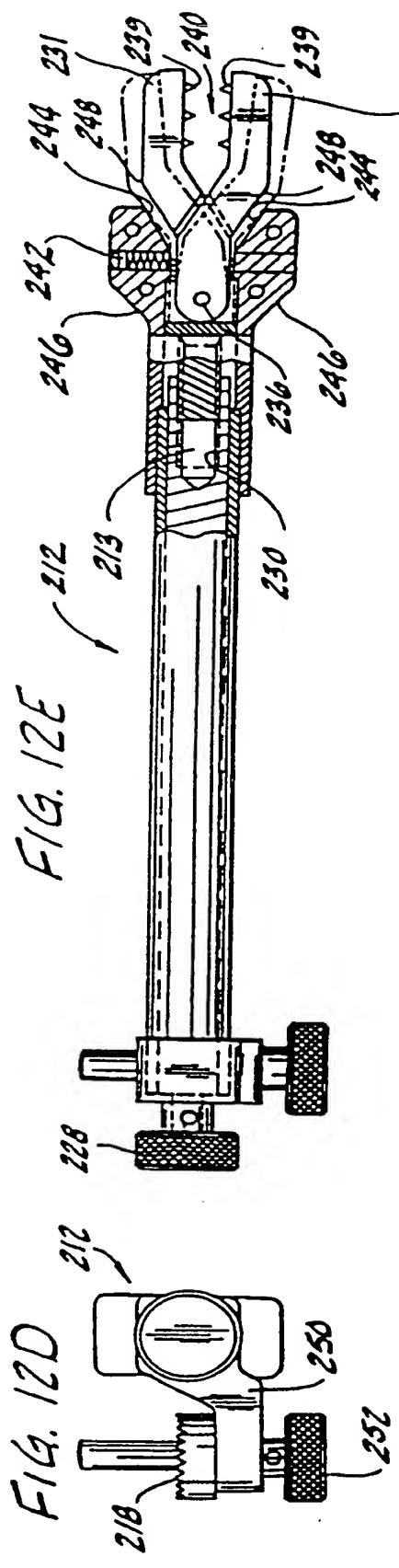


FIG. 13A

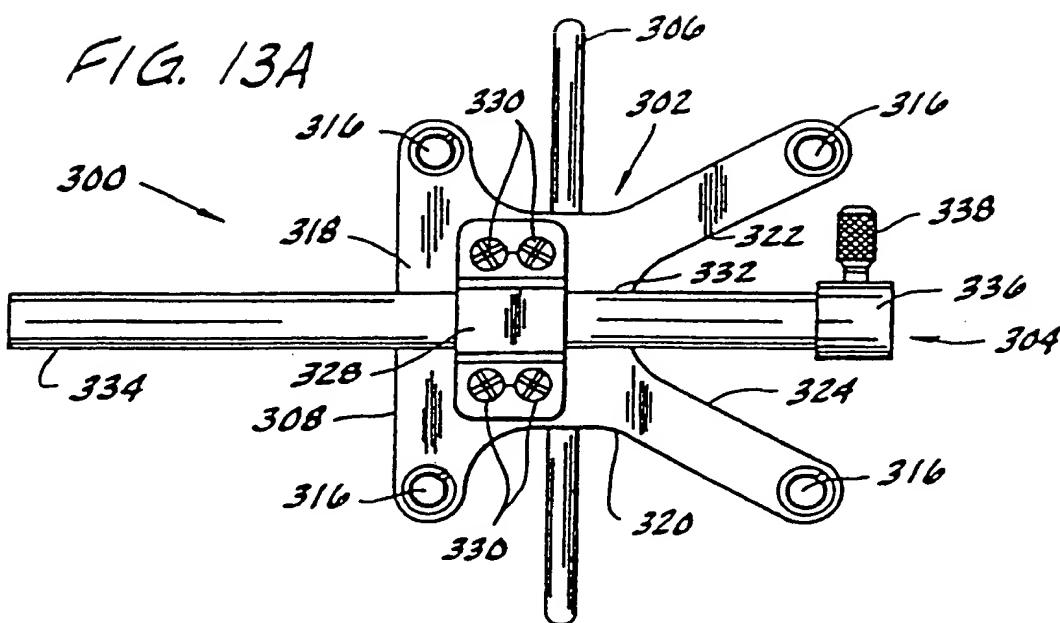


FIG. 13C

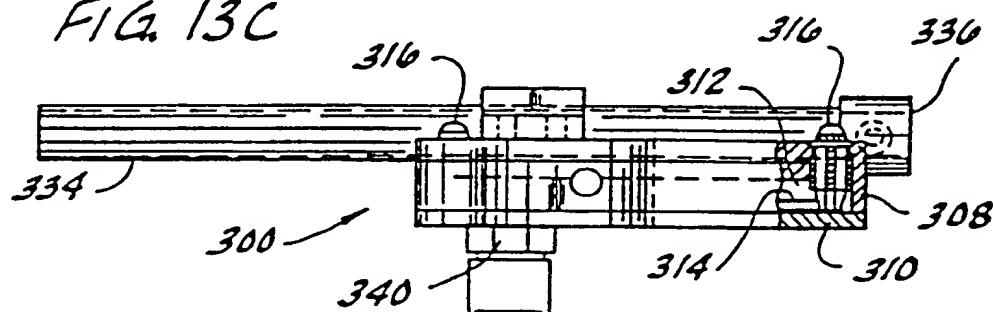


FIG. 13B

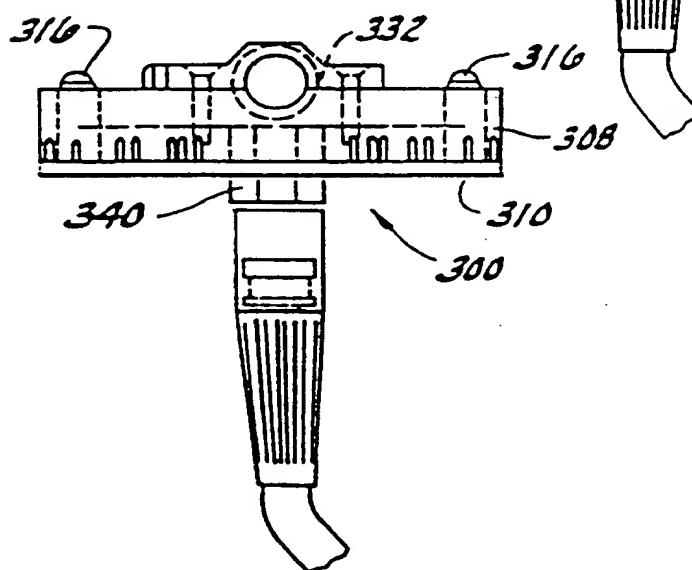




FIG. 13D

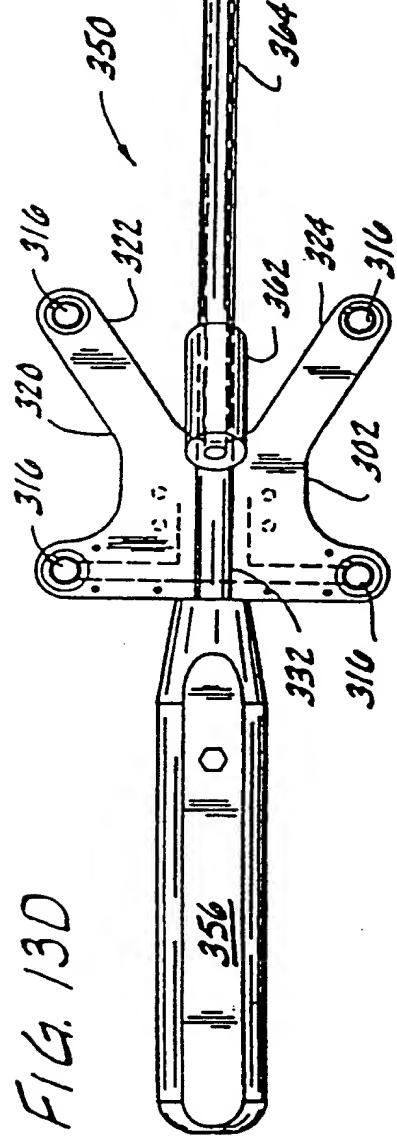
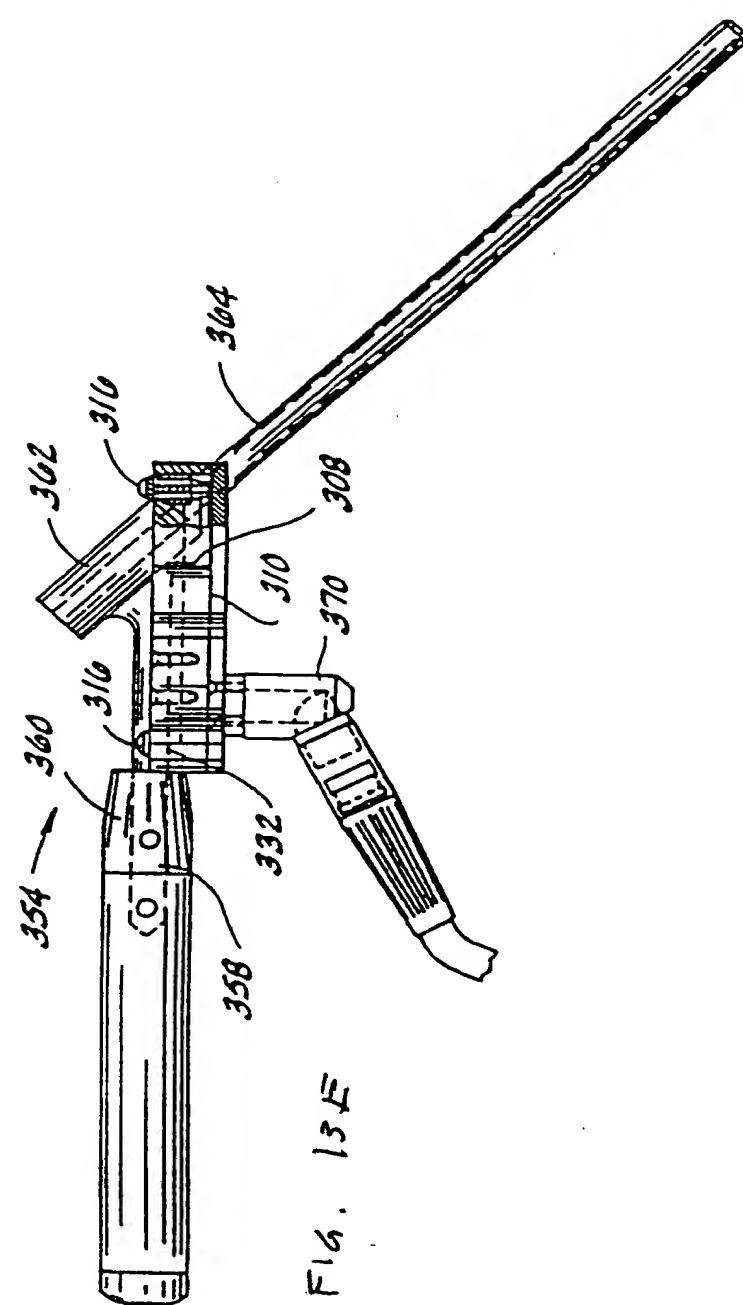


FIG. 13E





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